MISSISSIPPI STATE DEPARTMENT OF HEALT²⁴ JUL - | AM 10: 46 BUREAU OF PUBLIC WATER SUPPLY CCR CERTIFICATION FORM CALENDAR YEAR 2012

Alcorn State University
Public Water Supply Name

Public Water Supply	Name
PWS ID#	110013
List PWS ID #s for all Community Water S	Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community public water system to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. Since this is the first year of electronic delivery, we request you mail or fax a hard copy of the CCR and Certification Form to MSDH. Please check all boxes that apply.

chec	k all boxes that app	ly.
X	Customers were	informed of availability of CCR by: (Attach copy of publication, water bill or other)
	X	Advertisement in local paper (attach copy of advertisement) On water bills (attach copy of bill) Email message (MUST Email the message to the address below) Other_Alcorn_State_University_Post_Office
	Date(s) custom	ners were informed: 6 / 27/ 13 , / / , / /
	CCR was distri methods used_	buted by U.S. Postal Service or other direct delivery. Must specify other direct delivery
	Date Mailed/D	ristributed:/N/A
	CCR was distrib	As a URL (Provide URL As an attachment As text within the body of the email message
X	CCR was publish	ned in local newspaper. (Attach copy of published CCR or proof of publication)
	Name of News	paper: The Port Gibson Reveille
		l: <u>6 /27 /2013</u>
X	CCR was posted	in public places. Alcorn State University P.O. Date Posted: / /
	CCR was posted	on a publicly accessible internet site at the following address (DIRECT URL REQUIRED):
I her publi the S the S Depa	BDWA. I further water quality mo artment of Health	the 2012 Consumer Confidence Report (CCR) has been distributed to the customers of this in the form and manner identified above and that I used distribution methods allowed by certify that the information included in this CCR is true and correct and is consistent with onitoring data provided to the public water system officials by the Mississippi State, Bureau of Public Water Supply. Mayor, Owner, etc.)

Deliver or send via U.S. Postal Service: Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215

May be faxed to: (601)576-7800

May be emailed to: Melanie. Yanklowski@msdh.state.ms.us

2012 Water Quality Report

Is my water safe?

Alcorn State University is pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

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Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791). Alcorn State University is pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

Where does my water come from?

Our water source is from three wells in the Catahoula Formation Aquifer.

Source water assessment and its availability

Our source water assessment is currently being conducted and is not available at this time. As soon as it is completed you will be notified and copies of this assessment will be available at our office.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

How can I get involved?

If you have any questions about this report or concerning our water utility, please contact Jessie Hayden, Director of Operations for Facilities Management, at 601 877-3958. We want our valued customers to be informed about their water utility.

April 1, 2013 MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, your water system has completed the monitoring requirements and is now in compliance with the Radionuclides Rule. If you have any questions, please contact Karen Walters, Director of Compliance & Enforcement, Bureau of Public Water Supply, at (601) 576-7518.

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Alcorn State University is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

	MCLG	MON					
1	δU	TT, or	Σ'οιυ:	Range	Sample		
Contaminants	MRDIG	MRDL.	<u>Water</u>	<u>Low High</u>	Date	Violation	<u>Pyrical Source</u>

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

or the table of the same	MC 443 - 461 MED 0146	MCL. Fr. 67 Maddi	1	. Rangs <u>Lass</u> <u>illub</u>	Sangsia Data		Typical Source
Campusia Canganida			W. 1988. J. A.	(1000mg) (1.50)		421 Y (\$15)	Runoff from fertilizer use;
Nitrate [measured as Nitrogen] (ppm)	10	10	0.77	NA	2012	No	Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite [measured as Nitrogen] (ppm)	1	1	0.02	NA	2012	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Antimony (ppb)	6	6	0.5	NA	2011	No	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; test addition.
Arsenic (ppb)	0	10	0.5	NA	2011	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.09913	NA	2011	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Beryllium (ppb)	4	4	0.5	NA	2011	No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries
Cadmium (ppb)	5	5	0.5	NA	2011	No	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints
Chromium (ppb)	100	100	4.54	NA	2011	No	Discharge from steel and pulp mills; Erosion of natural deposits

Fluoride (ppm)	sion of natural o	
Mercury [Inorganic] 2 2 0.5 NA 2011 No Discharg factories landfills	er additive whi notes strong tee charge from fer ninum factories	ich eth; tilizer and
Selenium (ppb) 50 50 2.5 NA 2011 No Interior related resonance of from min to pischarg glass, an processing factories	sion of natural charge from refi charge from refi ories; Runoff fro fills; Runoff fro land	ineries and om
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Dichloroethylene 100 100 0.5 NA 2012 No Discharge chemical 1.2-Dichloroethane	ning from PVC narge from plas ries	piping; tics
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0 5 NA 2012 No """"	arge from indu ical factories	ıstrial
	arge from meta asing sites and ries	
	arge from chens and other induties	
1,2-Dichloropropane 0 5 0.5 NA 2012 No Discharge	arge from indu ical factories	ıstrial

Trichloroethylene (ppb)	0	5	0.5	NA	2012	No	Discharge from metal degreasing sites and other factories
1,1,2-Trichloroethane (ppb)	3	5	0.5	NA	2012	No	Discharge from industrial chemical factories
Tetrachloroethylene (ppb)	0	5	0.5	NA	2012	No	Discharge from factories and dry cleaners
Chlorobenzene (monochlorobenzene) (ppb)	100	100	0.5	NA	2012	No	Discharge from chemical and agricultural chemical factories
Benzene (ppb)	0	5	0.5	NA	2012	No	Discharge from factories; Leaching from gas storage tanks and landfills
Toluene (ppm)	1	1	0.0005	NA	2012	No	Discharge from petroleum factories
Ethylbenzene (ppb)	700	700	0.5	NA	2012	No	Discharge from petroleum refineries
Styrene (ppb)	100	100	0.5	NA	2012	No	Discharge from rubber and plastic factories; Leaching from landfills
<u>Contantinants</u>	MCFA			Sering 176 3 Date 1	4 Samalas Septelling Ai	Fixeo Ai	
maganite Canapatan		(10) se a					
Lead - action level at consumer taps (ppb)	0	15	2	2010	0	No	Corrosion of household plumbing systems; Erosion of natural deposits

Disinfectant: Chlorine (0999) RAA MRDL: 4:0 MG/L

MRDL Range: 1.20 MG/L to 1.60 MG/L Highest QTR RAA 1.30 MG/L (Your Water)

RAA- Running Annual Average, QTR-Quarterly, AVG- Average

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Term	Definition
ug/L	ug/L: Number of micrograms of substance in one liter of water
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (μg/L)
NA	NA: not applicable
ND	ND: Not detected
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Important Diriuking Water Definitions

Term Definition

MCLG: Maximum Contaminant Level Goal: The level of a contaminant **MCLG** in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. MCL: Maximum Contaminant Level: The highest level of a contaminant MCL that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology. TT: Treatment Technique: A required process intended to reduce the TT level of a contaminant in drinking water. AL: Action Level: The concentration of a contaminant which, if ALexceeded, triggers treatment or other requirements which a water system must follow. Variances and Exemptions: State or EPA permission not to meet an MCL Variances and Exemptions or a treatment technique under certain conditions. MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected MRDLG risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants. MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that MRDL addition of a disinfectant is necessary for control of microbial contaminants. MNR MNR: Monitored Not Regulated MPL MPL: State Assigned Maximum Permissible Level

Contact Name: Jessie L. Hayden, Jr.

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Address:

1000 ASU Dr. #299 Alcorn State, MS 39096 Phone: 601 877-6470

E-Mail: jhayden@alcorn.edu

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							· · · · · ·
	MCLG	MCL,			77.7	14.	
	01,	TT, or	Your	Range	Sample		
<u>Contaminants</u>	<u>MRDLG</u>	<u>MRDL</u>	<u>Water</u> .	<u>Low High</u>	<u>Date</u>	<u>Violation</u>	<u> I ypical Source</u>

Zibutilo Organie Core	10 mm	wi egili					
1,2,4- Trichlorobenzene (ppb)	70	70	0.5	NA	2012	No	Discharge from textile- finishing factories
1,1-Dichloroethylene (ppb)	7	7	0.5	NA	2012	No	Discharge from industrial chemical factories
Xylenes (ppm)	10	10	0.0005	NA	2012	No	Discharge from petroleum factories; Discharge from chemical factories
Dichloromethane (ppb)	0	5	0.5	NA	2012	No	Discharge from pharmaceutical and chemical factories
o-Dichlorobenzene (ppb)	600	600	0.5	NA	2012	No	Discharge from industrial chemical factories
p-Dichlorobenzene (ppb)	75	75	0.5	NA	2012	No	Discharge from industrial chemical factories
Vinyl Chloride (ppb)	0	2	0.5	NA	2012	No	Leaching from PVC piping; Discharge from plastics factories
trans-1,2- Dichloroethylene (ppb)	100	100	0.5	NA	2012	No	Discharge from industrial chemical factories
1,2-Dichloroethane (ppb)	0	5	0.5	NA	2012	No	Discharge from industrial chemical factories
1,1,1-Trichloroethane (ppb)	200	200	0.5	NA	2012	No	Discharge from metal degreasing sites and other factories
Carbon Tetrachloride (ppb)	0	5	0.5	NA	2012	No	Discharge from chemical plants and other industrial activities
1,2-Dichloropropane (ppb)	0	5	0.5	NA	2012	No	Discharge from industrial chemical factories
Trichloroethylene (ppb)	0	5	0.5	NA	2012	No	Discharge from metal degreasing sites and other factories
1,1,2-Trichloroethane (ppb)	3	5	0.5	NA	2012	No	Discharge from industrial chemical factories
Tetrachloroethylene (ppb)	0	5	0.5	NA	2012	No	Discharge from factories and dry cleaners
Chlorobenzene (monochlorobenzene) (ppb)	100	100	0.5	NA	2012	No	Discharge from chemical and agricultural chemical factories
Benzene (ppb)	0	5	0.5	NA	2012	No	Discharge from factories; Leaching from gas storage tanks and landfills
Toluene (ppm)	1	1	0.5	NA	2012	No	Discharge from petroleum factories
Ethylbenzene (ppb)	700	700	0.5	NA	2012	No	Discharge from petroleum refineries

Styrene (ppb) 100 100 0.5 NA 2012 No Discharge from rubber and plastic factories; Leaching from landfills

Unit Descriptions	
Term	Definition
ppm	ppm: parts per million, or milligrams per liter (mg/L)
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MCL	MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

de crare information please contact:

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E-Mail: jhayden@alcom.edu

ER'S OATH PECEIVED-WATER SUPPLY

State of Mississippi

Claiborne County, Mississippi

2013 JUL - 1

AM 10: 46

Personally appeared before the undersigned NOTARY PUBLIC of said count, EMMA F. CRISLER, Publisher of the Port Gibson Reveille, a weekly newspaper, printed and published in the town of Port Gibson, in said county and state, who, being duly sworn deposes and says that said newspaper has been established for more than twelve months next prior to first publication of a notice, of which, the annexed is a copy, has been made in said paper consecutively, to wit:

> On the <u>27th</u> day of <u>June</u>, 2013 On the _____, 2013 On the _____, 2013 On the _____, day of ______, 2013

And I, Glocia Dotson by Yvette Lindon do here certify that the papers containing said notice have been produced before me, and by me compared with the copy annexed, and that I find the proof of publication thereoof to be correctly made.

Witness my hand and seal, this of of June, 2013. Fees and proof of publication, \$

319.00 Jan 2016.



ntaminants	MRDLG	MRDL	Water	Hange Low- High	Samle Date Violation	Typical Source
dorobenzene	70	70	0.5	30000	2012 : No	Discharge from textile in finishing facories (1)
Dichiloroethylene	700013	7	0.5	Tology sta) 012 No	Distharge from indus
es (ppm)	40	5 6 6 K	70:0005 57	/ NA () / / 20		frial chemical factories Discharge from petroleum
nomethane	0	5	0.5	NA 201	2 No	factories; Discharge from chemical factories Discharge from phar-
Acade arrows	600° 7	00 ¹¹ -7	1 5 - 1-12		ns: 178	maceurical and chemi- cal factories Discharge from indus-
lorobenzene	76 7	71 . 1	0.5	NA 20	12 No	rial chemical factories Discharge from indus-
bloride (ppb)	0 (1.75)(1.3) 2		0.5	NA 2012	1.04(0) 1.06(0) 1.09(1)	ial chemical factories
oethylene	100 j	00 i).S		je i de je	iping, Discharge from lastics factories
hiorcethane	0 5			NA 2012	ris reis . N	ischafge from indus+: al chemical factories
a da agus Da ring ga	gro ^g		15	NA 2012	, rii	ischarge from indus. d chemical/factories
ethane ************************************	200 20	X9, 0	.5	NA 2012	No D	schärge from metal
letrachiloride	0 % 5	0.	5	NA 2012	otl	greasing sites and ter factories